

A Quick Look at Using Refrigerated FluMist™ (LAIV)

Points to Remember about Refrigerated FluMist™

- ❑ New for the 2007-2008 influenza season, FluMist™ is a refrigerated vaccine, not a frozen vaccine.
- ❑ FluMist™ will have a 4-5 month expiration date. Monitor the expiration date carefully to prevent the expired vaccine.
- ❑ FluMist™ is live, attenuated, intranasal influenza vaccine (LAIV) containing 3 virus strains, which are updated annually.
- ❑ Approved for use in **healthy non-pregnant persons 2 – 49 years of age**
- ❑ Persons for whom FluMist™ is **contraindicated** include those with a history of hypersensitivity, including anaphylaxis, to a previous dose of vaccine or to any components of FluMist™, including eggs. Other persons who **should not** receive FluMist™ vaccine include:
 - Children less than 2 years of age and adults 50 years of age and older
 - Persons with asthma, reactive airway disease or other chronic pulmonary disease
 - Children 2 through 4 years of age with recurrent wheezing
 - Persons with chronic cardiac disorders
 - Persons with chronic metabolic diseases such as diabetes
 - Persons with underlying medical conditions such as renal dysfunction, and hemoglobinopathies
 - Persons with known or suspected immunodeficiency disease (such as HIV/AIDS; sickle cell anemia) or are receiving immunosuppressive therapies (such as chemotherapy or steroids)
 - Children or adolescents receiving aspirin or other salicylates
 - Persons with a history of Guillian-Barre syndrome
 - Pregnant women
- ❑ Health care personnel, household or close contact of persons who are **severely immunosuppressed in protective isolation** should be vaccinated with trivalent (inactivated) influenza vaccine (TIV) or refrain from contact with these persons for 7 days after receiving LAIV.
- ❑ May be administered simultaneously with other vaccines. If not given on the same day as other live vaccines, (MMR, Varicella, MMRV), must be separated by 28 days.
- ❑ LAIV may be given on the same day as a PPD (TB) test. If not given on the same day, wait at least 4 weeks after LAIV was administered.
- ❑ Document type of vaccine. In MCIR, FluMist™ is documented as “influenza cold” (FluMist™). Write LAIV on the vaccine administration record and on the immunization record card. The CPT code for FluMist™ is 90660.
- ❑ Use the current LAIV Vaccine Information Statement (VIS) which can be found at www.michigan.gov/immunize

Storage and Handling

- ❑ Store FluMist™ vaccine in the REFRIGERATOR at 35°- 46° F (2°- 8° C). Do not store in the freezer. See package insert for details. Contact the manufacturer regarding FluMist™ exposed to freezing temperatures.

Administration

- ❑ FluMist™ should be administered annually. See package insert for administration instructions and illustrations.

Age	Dosage	No. of Doses per Season*	Route	Site
New! 2-8 yrs	0.2 mL Spray ½ the dose in each nostril as indicated on the syringe	1 or 2*	Intranasal	Each nostril
9-49 yrs	0.2 mL Spray ½ the dose in each nostril as indicated on the syringe	1	Intranasal	Each nostril

***10/18/2007** Changes were recently made regarding which children should receive 2 doses of influenza vaccine.

CDC now recommends:

- Children 6 months through 8 years of age who are receiving flu vaccine for the first time should receive 2 doses of vaccine.
- Children 6 months through 8 years who received flu vaccine for the first time **during the previous influenza season**, and got only one dose, should receive 2 doses this season. However, children who were given influenza vaccine during **any other** prior flu season should receive only one dose.

New! Administer doses of flu vaccine (TIV or LAIV) 4 weeks apart. If possible, give the 2nd dose before December.